

(a) acquiring a plurality of sets of image information with an ultrasonic transducer array, said array moved substantially in an image plane between sets of image information;

(b) comparing image information from a first one of said sets with a second one of said sets;

(c) determining a component of motion with sub-pixel resolution in the image plane;

(d) registering said first and second sets as a function of the component of motion; and

(e) forming an extended field of view image as a function of the registration of step (d).

10 123. The method of Claim 124 further comprising:

(f) determining at least a minimum and two neighboring values associated with motion; and

wherein step (c) comprises determining the component of motion with sub-pixel resolution in the image plane as a function of the minimum and two neighboring values.--

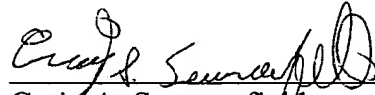
Please cancel claim 1.

Remarks

Claims 116-125 correspond to claims 117-126 in the parent application 09/340,542. The parent claims 117-126 were subject to a restriction requirement for four different groups corresponding to the four independent claims. Applicant respectfully submits that the claims of these groups may be efficiently searched together. Applicants respectfully submit that all of the pending claims are in condition for allowance and seeks early allowance thereof. If for any reason, the Examiner is unable to allow the application in the next Office Action and believes

that an interview would be helpful to resolve any remaining issues, he is respectfully requested to contact the undersigned attorneys at (312) 321-4200.

Respectfully submitted,



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